

Notice of Allowability

Application No.

09/542,743

Examiner

LeChi Truong

Applicant(s)

HAVEMOSE, ALLAN

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/08/2007.
2. ☒ The allowed claim(s) is/are 1,6-13, 18-24, 40-43 now renumbered as claims 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM M. THOMSON

PATENT EXAMINER

Allowance

1. This is in responding to the applicant filed on 11/08/2007.

Allowable Subject Matter

2. Claims 1, 6-13, 18-24, 40-43 are allowed.

3. The following is an examiner's statement of reasons for allowance:

As to claims 1, 13, the prior art as taught Cockrill et al (US Patent 6,473,740 B2) and Freund et al (US Patent 6,138,169) do not teach on render obvious the limitations recited in claims 1, 13, when taken in the context of the claims as a whole, requesting content over a network connection, the request being made utilizing a request object that comprises a request dynamic base object which includes a request interface dynamic base object and a request implementation dynamic base object; receiving the content on a first digital information appliance, said content being in conjunction with an encapsulated transaction object; wherein the request is made to the request interface dynamic base object, the request interface dynamic base object passing the request to a request implementation dynamic base object, the request implementation dynamic base object capable object based upon a user-defined criterion that includes at least one of cost, pricing structure and compatibility of the content object with the digital information appliance as recited in the independent claims 1, 13. Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited in claims 1 and 13.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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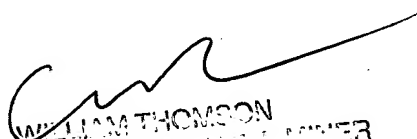
Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (571) 272 3767. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomson, William can be reached on (571) 272 3718. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

January 31, 2008


WILLIAM THOMSON
SUPERVISORY EXAMINER

Examiner's Amendment

1. An extension of time under 37 CFR 1.136(a) is required in order to make an examiner's amendment, which places this application in condition for allowance.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Scott Charles (Reg: 43,436) on 12/12/2008.

3. The application is amended as follows:

1. (Currently Amended) A digital information appliance-implemented method for performing a transaction in a network environment, comprising:

requesting content over a network connection, the request being made utilizing a request object that comprises a request dynamic base object which includes a request interface dynamic base object and a request implementation dynamic base object;

receiving the content on a first digital information appliance, said content including being in conjunction with an encapsulated transaction object;

monitoring usage of the content;

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identifying a utilization event of the monitored usage; and
storing an occurrence of the utilization event in the transaction object;
wherein the content and transaction information are encapsulated in the transaction object;

wherein the transaction object is capable of transmitting data related to the stored occurrence of the utilization event over a network via a direct, object-to-object communications protocol; and

wherein the request is made to the request interface dynamic base object, the request interface dynamic base object passing the request to a request implementation dynamic base object, the request implementation dynamic base object capable of negotiating among a plurality of content objects a desired content object based upon a user-defined criterion that includes at least one of cost, pricing structure and compatibility of the content object with the digital information appliance.

2-5. (Canceled)

6. (Currently Amended) The method as described in claim 5 1, wherein the user-defined criterion includes at least one of cost, pricing structure and compatibility of the content object with the digital information appliance and the plurality of content objects reside on a plurality of digital information appliances, the plurality of digital information appliances accessible to the first digital information appliance over the network.

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7. (Original) The method as described in claim 1, wherein the network connection is not available, saving the occurrence of the utilization event until the network connection is available, at which time data related to the stored occurrence of the utilization event is transmitted.

8. (Original) The method as described in claim 1, wherein the transaction object includes a first occurrence of the transaction object including a transaction interface dynamic base object and a second occurrence of the transaction object including a transaction implementation dynamic base object.

9. (Original) The method as described in claim 8, wherein the transaction implementation dynamic base object is capable of supporting a plurality of payment algorithms, the payment algorithms capable of being modified without modifying the transaction interface dynamic base object.

10. (Original) The method as described in claim 8, wherein the first occurrence of the transaction object transmits data related to the stored occurrence of the utilization event to the second occurrence of the transaction object, the second occurrence of the transaction object residing on a second digital information appliance.

11. (Original) The method as described in claim 10, wherein the second digital information appliance is a central transaction authenticator, the central transaction authenticator capable of storing and updating user account information.

12. (Original) The method as described in claim 1, wherein the content is provided by at least one of media and network connection.

13. (Currently Amended) A digital information appliance system for performing a transaction in a network environment, comprising:

a processor for executing a program of instructions on a digital information appliance;

a network connection device coupled to the processor for connecting the digital information appliance to a network; and

a memory coupled to the processor for storing the program of instructions, wherein the program of instructions configures the digital information appliance to:

request content over the network, the request being made utilizing a request object that comprises a request dynamic base object which includes a request interface dynamic base object and a request implementation dynamic base object;

receive content on the digital information appliance, said content including being in conjunction with an encapsulated transaction object;

monitor usage of the content;

identify a utilization event of the monitored usage; and

store an occurrence of the utilization event in the transaction object;

wherein the content and transaction information are encapsulated in the transaction object;

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wherein the transaction object is capable of transmitting data related to the stored occurrence of the utilization event over a network via a direct, object-to-object communications protocol; and

wherein the request is made to the request interface dynamic base object, the request interface dynamic base object passing the request to a request implementation dynamic base object, the request implementation dynamic base object capable of negotiating among a plurality of content objects a desired content object based upon a user-defined criterion that includes at least one of cost, pricing structure and compatibility of the content object with the digital information appliance.

14-17. (Canceled).

18. (Currently Amended) The digital information appliance system as described in claim 17 13, wherein the user-defined criterion includes at least one of cost, pricing structure and compatibility of the content object with the digital information appliance and the plurality of content objects reside on a plurality of digital information appliances, the plurality of digital information appliances accessible to the first digital information appliance over the network.

19. (Original) The digital information appliance system as described in claim 13, wherein the network connection is not available, saving the occurrence of the utilization event until the network connection is available, at which time data related to the stored occurrence of the utilization event is transmitted.

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20. (Original) The digital information appliance system as described in claim 13, wherein the transaction object includes a first occurrence of the transaction object including a transaction interface dynamic base object and a second occurrence of the transaction object including a transaction implementation dynamic base object.

21. (Original) The digital information appliance system as described in claim 20, wherein the transaction implementation dynamic base object is capable of supporting a plurality of payment algorithms, the payment algorithms capable of being modified without modifying the transaction interface dynamic base object.

22. (Original) The digital information appliance system as described in claim 20, wherein the first occurrence of the transaction object transmits data related to the stored occurrence of the utilization event to the second occurrence of the transaction object, the second occurrence of the transaction object residing on a second digital information appliance.

23. (Original) The digital information appliance system as described in claim 22, wherein the second digital information appliance is a central transaction authenticator, the central transaction authenticator capable of storing and updating user account information.

24. (Original) The digital information appliance system as described in claim 13, wherein the content is provided by at least one of media and network connection.

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25-39. (Canceled)

40. (Previously Presented) The method as described in claim 1, wherein the transaction information includes billing information and security information.

41. (Previously Presented) The digital information appliance system as described in claim 13, wherein the transaction information includes billing information and security information.

42. (Previously Presented) The method as described in claim 1, wherein the transaction object received at the first digital information appliance in conjunction with said content is capable of transmitting said data related to the stored occurrence of the utilization event over the network via the direct, object-to-object communications protocol.

43. (Previously Presented) The digital information appliance system as described in claim 13, wherein the transaction object received at the digital information appliance in conjunction with said content is capable of transmitting said data related to the stored occurrence of the utilization event over a network via the direct, object-to-object communications protocol.

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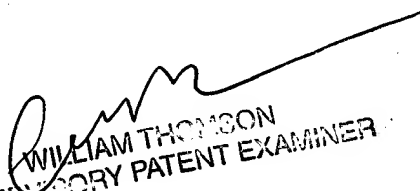
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January 31, 2008


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